RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/992,238

Source: OIPE

Date Processed by STIC: 12/3/01

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.
Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
http://www.uspto.gov/web/offices/pac/checker

Raw Sequence Listing Error Summary

ERROR DETECTED **SUGGESTED CORRECTION** **SERIAL NUMBER:** 09/992,238

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1	Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
2	Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.
3	Misaligned Amino Numbering	The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
4	Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
5	Variable Length	Sequence(s)____contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
6	PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
7	Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
8	Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000
9	Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
10	Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
11	Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
12	PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

OIPE

RAW SEQUENCE LISTING DATE: 12/03/2001
PATENT APPLICATION: US/09/992,238 TIME: 14:27:50

Input Set : A:\D0047.ST25.txt
Output Set: N:\CRF3\11212001\I992238.raw

Does Not Comply
Corrected Diskette Needed

Errors on pp. 1, 3, -5

3 <110> APPLICANT: BATTAGLINO, PETER
4 FEDER, JOHN N
5 MINTIER, GABE
6 NELSON, THOMAS C
7 RAMANATHAN, CHANDRA S
8 WESTPHAL, RYAN
9 CACACE, ANGELA
10 BARBER, LAUREN
11 HAWKEN, DONALD R
12 KORNACKER, MICHAEL G
14 <120> TITLE OF INVENTION: A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR, HGPRBMY8,
15 EXPRESSED HIGHLY IN BRAIN
17 <130> FILE REFERENCE: D0047NP
C--> 19 **<140> CURRENT APPLICATION NUMBER: US/09/992,238**
C--> 20 **<141> CURRENT FILING DATE: 2001-11-14**
22 <150> PRIOR APPLICATION NUMBER: 60/317166
23 <151> PRIOR FILING DATE: 2001-09-04
25 <150> PRIOR APPLICATION NUMBER: 60/308285
26 <151> PRIOR FILING DATE: 2001-07-27
28 <150> PRIOR APPLICATION NUMBER: 60/268581
29 <151> PRIOR FILING DATE: 2001-02-14
31 <150> PRIOR APPLICATION NUMBER: 60/248285
32 <151> PRIOR FILING DATE: 2000-11-14
34 <160> NUMBER OF SEQ ID NOS: 102
36 <170> SOFTWARE: PatentIn Ver. 2.1

ERRORED SEQUENCES

3624 <210> SEQ ID NO: 102
3625 <211> LENGTH: 21
3626 <212> TYPE: PRT
3627 <213> ORGANISM: Artificial Sequence
3629 <220> FEATURE:
3630 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
3631 polypeptide
3633 <400> SEQUENCE: 102
3634 Ser Val Val Ser Phe Ile Val Ile Pro Leu Ile Val Met Ile Ala Cys
3635 1 5 10 15
3637 Tyr Ser Val Val Phe
3638 20
E--> 3643 **D0047 NP**
E--> 3647 **- 1 -**

- delete

VERIFICATION SUMMARY DATE: 12/03/2001
PATENT APPLICATION: **US/09/992,238** TIME: 14:27:52

Input Set : **A:\D0047.ST25.txt**
Output Set: **N:\CRF3\11212001\I992238.raw**

L:19 M:270 C: Current Application Number differs, Replaced Current Application Number
L:20 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:2795 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:48
L:2795 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:48
L:2795 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:2806 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:48
L:2806 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:48
L:2806 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:2808 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:48
L:2808 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:48
L:2808 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:2847 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:49
L:2847 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:49
L:2847 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:2889 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:49
L:2889 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:49
L:2889 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:2898 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:49
L:2898 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:49
L:2898 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:3092 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:63
L:3092 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:63
L:3092 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63
L:3093 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:63
L:3093 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:63
L:3093 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63
L:3106 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:64
L:3106 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:64
L:3106 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64
L:3107 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:64
L:3107 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:64
L:3107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64
L:3643 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:3643 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:2
L:3647 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:102
L:3647 M:252 E: No. of Seq. differs, <211>LENGTH:Input:21 Found:23 SEQ:102

<210> 48
<211> 1527
<212> DNA
<213> Homo sapiens

<220>
<223> N=A+T+G+C

must give location of n
-see error summary sheet item 9

<400> 48
atgacgtcca cctgcaccaa cagcacgcgc gagagtaaca gcagccacac gtgcatgccc 60
ctctccaaaa tgcccatcag cctggcccac ggcatcatcc gctcaaccgt gctggttatc 120

<210> 49
<211> 508
<212> PRT
<213> Homo sapiens

same error for Xaa

<220>
<223> Xaa=Unknown, modified, or any amino acid

<400> 49

Met	Thr	Ser	Thr	Cys	Thr	Asn	Ser	Thr	Arg	Glu	Ser	Asn	Ser	Ser	His
1				5				10					15		

Thr	Cys	Met	Pro	Leu	Ser	Lys	Met	Pro	Ile	Ser	Leu	Ala	His	Gly	Ile

<210> 63
<211> 99
<212> DNA
<213> Artificial Sequence

same error

<220>
<223> Description of Artificial Sequence: Oligo 1;
N=A+G+C+T and B=C+G+T

<400> 63
cgaagcgtaa gggcccagcc ggccnnbnnb nnbnnbnnbn nbnnbnnbnn bnnbnnbnnb 60
nnbnnbnnbn nbnnbnnbnn bnnbccgggt ccgggcggc 99

<210> 64
<211> 95
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Oligo 2;
N=A+G+C+T and V=C+A+G

<400> 64
aaaaggaaaa aagcggccgc vnnvnnvnnv nnvnnvnnvn nvnnvnnvnn vnnvnnvnnv 60
nnvnnvnnvn nvnnvnnvnn gccgcccgga cccgg 95